

Table 1. 2003 Summary Statistics

Item	Value	U.S. Rank
Rhode Island		
NERC Region(s).....		NPCC
Primary Energy Source		Gas
Net Summer Capability (megawatts).....	1,733	49
Electric Utilities	8	50
Independent Power Producers & Combined Heat and Power	1,725	34
Net Generation (megawatthours).....	5,621,145	50
Electric Utilities	11,771	49
Independent Power Producers & Combined Heat and Power	5,609,374	32
Emissions (thousand metric tons)		
Sulfur Dioxide	1	49
Nitrogen Oxide.....	1	49
Carbon Dioxide.....	2,398	48
Sulfur Dioxide (lbs/MWh).....	.3	49
Nitrogen Oxide (lbs/MWh).....	.3	50
Carbon Dioxide (lbs/MWh).....	940	40
Total Retail Sales (megawatthours).....	7,796,626	49
Full Service Provider Sales (megawatthours).....	7,096,649	47
Deregulated Sales (megawatthours).....	699,977	15
Direct Use (megawatthours).....	64,968	48
Average Retail Price (cents/kWh).....	10.47	8

See footnotes at end of tables.

Table 2. Ten Largest Plants by Generating Capability, 2003

Plant	Energy Sources	Operating Company	Net Summer Capability (MW)
Rhode Island			
1. Rhode Island State Energy Partners.....	Gas	FPL Energy Operating Serv Inc	515
2. Manchester Street.....	Gas	U S Gen New England Inc	421
3. Tiverton Power Plant	Gas	Calpine Eastern Corp	250
4. Ocean State Power	Gas	Ocean State Power Co	219
5. Ocean State Power II.....	Gas	Ocean State Power II	219
6. Pawtucket Power Associates.....	Gas, Petroleum	Pawtucket Power Associates LP	64
7. Ridgewood Providence Power.....	Other	Ridgewood Power Management LLC	15
8. Rhode Island Hospital.....	Gas, Petroleum	Rhode Island Hospital	10
9. Block Island.....	Petroleum	Block Island Power Co	7
10. Central Power Plant.....	Gas, Petroleum	State of Rhode Island	5

See footnotes at end of tables.

Table 3. Top Five Providers of Retail Electricity, 2003
(Megawatthours)

Entity	Ownership Type	All Sectors	Residential	Commercial	Industrial	Transportation
Rhode Island						
1. Narragansett Electric Co	Investor-Owned	7,038,221	2,962,804	3,113,097	962,320	0
2. TransCanada Power Mktg Ltd.....	Power Marketer	297,907	0	0	297,907	0
3. Select Energy	Power Marketer	217,853	0	213,361	4,492	0
4. Constellation NewEnergy, Inc	Power Marketer	184,217	0	184,217	0	0
5. Pascoag Utility District	Public	50,777	28,054	5,745	16,978	0
Total Sales, Top Five Providers.....		7,788,975	2,990,858	3,516,420	1,281,697	0
Percent of Total State Sales		100	100	100	98	0

See footnotes at end of tables.

Table 4. Electric Power Industry Net Summer Capability by Primary Energy Source, 1994, 1998, and 2003
(Megawatts)

Energy Source	1994	1998	2003	Annual Growth Rate 1994-2003 (Percent)	Percentage Share		
					1994	1998	2003
Rhode Island							
Electric Utilities.....	147	6	8	−27.6	21.5	0.6	0.5
Petroleum.....	62	5	7	−21.5	9.1	.5	.4
Dual Fired.....	84	0	0	NM	12.3	.0	.0
Hydroelectric.....	1	1	1	.0	.1	.1	.1
Independent Power Producers and Combined							
Heat and Power.....	538	950	1,725	13.8	78.5	99.3	99.5
Petroleum.....	0	0	5	NM	.0	.0	.3
Natural Gas.....	0	1	917	NM	.0	.1	52.9
Dual Fired.....	522	931	785	4.6	76.2	97.3	45.3
Hydroelectric.....	3	3	3	.0	.4	.3	.2
Other Renewables.....	13	15	15	1.6	1.9	1.6	.9
Total Electric Industry.....	685	957	1,733	10.9	100.0	100.0	100.0
Petroleum.....	62	5	12	−16.7	9.1	.5	.7
Natural Gas.....	0	1	917	NM	.0	.1	52.9
Dual Fired.....	606	932	785	2.9	88.5	97.4	45.3
Hydroelectric.....	4	4	4	.0	.6	.4	.2
Other Renewables.....	13	15	15	1.6	1.9	1.6	.9

See footnotes at end of tables.

Table 5. Electric Power Industry Generation by Primary Energy Source, 1994, 1998, and 2003
(Megawatthours)

Energy Source	1994	1998	2003	Annual Growth Rate 1994-2003 (Percent)	Percentage Share		
					1994	1998	2003
Rhode Island							
Electric Utilities.....	68,641	2,061,351	11,771	−17.8	1.4	26.9	0.2
Petroleum.....	33,836	8,827	11,771	−11.1	.7	.1	.2
Natural Gas.....	34,805	2,052,524	0	NM	.7	26.7	.0
Independent Power Producers and Combined							
Heat and Power	4,664,279	5,613,160	5,609,373	2.1	98.5	73.1	99.8
Petroleum.....	51,511	69,479	46,588	−1.1	1.1	.9	.8
Natural Gas.....	4,525,874	5,423,850	5,454,996	2.1	95.6	70.7	97.0
Other Gases	1,862	0	0	NM	*	.0	.0
Hydroelectric	9,349	8,676	6,021	−4.8	.2	.1	.1
Other Renewables	75,683	111,155	101,768	3.3	1.6	1.4	1.8
Total Electric Industry.....	4,732,920	7,674,511	5,621,145	1.9	100.0	100.0	100.0
Petroleum.....	85,347	78,306	58,359	−4.1	1.8	1.0	1.0
Natural Gas.....	4,560,679	7,476,374	5,454,996	2.0	96.4	97.4	97.0
Other Gases	1,862	0	0	NM	*	.0	.0
Hydroelectric	9,349	8,676	6,021	−4.8	.2	.1	.1
Other Renewables	75,683	111,155	101,768	3.3	1.6	1.4	1.8

See footnotes at end of tables.

Table 6. Electric Power Delivered Fuel Prices for Coal, Petroleum, and Natural Gas, 1994, 1998, and 2003

Fuel, Quality	1994	1998	2003	Annual Growth Rate 1994-2003 (Percent)
Rhode Island				
Petroleum (cents per million Btu).....	253.5	0.0	W	W
Average heat value (Btu per gallon).....	151,317	0	140,565	-0.8
Average sulfur Content (percent).....	1.0	.0	.1	-19.4
Natural Gas (cents per million Btu).....	222.5	328.5	650.3	12.7
Average heat value (Btu per cubic foot).....	1,029	1,028	1,033	.1

See footnotes at end of tables.

Table 7. Electric Power Industry Emissions Estimates, 1994, 1998, and 2003
(Thousand Metric Tons)

Emission Type	1994	1998	2003	Annual Growth Rate 1994-2003 (Percent)
Rhode Island				
Sulfur Dioxide				
Coal	—	—	—	NM
Petroleum	1	2	1	-1.2
Natural Gas	*	*	*	5.4
Other	—	—	—	NM
Total	1	2	1	-1.0
Nitrogen Oxide				
Coal	—	—	—	NM
Petroleum	*	1	*	-2.6
Gas	2	4	*	-13.9
Other	*	1	*	-16.4
Total	2	5	1	-11.9
Carbon Dioxide				
Coal	—	—	—	NM
Petroleum	187	349	128	-4.1
Gas	2,128	3,258	2,270	.7
Geothermal	—	—	—	NM
Other	—	—	—	NM
Total	2,315	3,606	2,398	.4

See footnotes at end of tables.

Table 8. Retail Sales, Revenue, and Average Retail Price by Sector, 1994, 1998, and 2003

Sector	1994	1998	2003	Annual Growth Rate 1994-2003 (Percent)	Percentage Share		
					1994	1998	2003
Rhode Island							
Retail Sales (thousand megawatthours)							
Residential.....	2,457	2,522	2,998	2.2	37.4	36.6	38.4
Commercial.....	2,563	2,731	3,490	3.5	39.0	39.6	44.8
Industrial	1,378	1,458	1,309	−.6	21.0	21.2	16.8
Other	174	177	NA	NM	2.6	2.6	NA
Total	6,572	6,888	7,797	1.9	100.0	100.0	100.0
Retail Revenue (million dollars)							
Residential.....	277	275	348	2.6	41.2	41.7	42.6
Commercial.....	255	253	352	3.6	37.9	38.4	43.1
Industrial	122	110	116	−.6	18.1	16.7	14.2
Other	20	20	NA	NM	3.0	3.0	NA
Total	673	659	816	2.2	100.0	100.0	100.0
Average Retail Price (cents/kWh)							
Residential.....	11.26	10.91	11.61	.3	NA	NA	NA
Commercial.....	9.95	9.26	10.09	.2	NA	NA	NA
Industrial	8.86	7.61	8.88	*	NA	NA	NA
Other	11.23	11.51	NA	NM	NA	NA	NA
Total	10.24	9.58	10.47	.3	NA	NA	NA

See footnotes at end of tables.

Table 9. Retail Electricity Sales Statistics, 2003

Item	Full Service Providers					Other Providers		Total
	Investor-Owned	Public	Federal	Cooperative	Facility	Energy	Delivery	
Rhode Island								
Number of Entities.....	2	1	NA	NA	NA	3	2	8
Number of Retail Customers.....	466,805	4,525	NA	NA	NA	4,986	NA	476,316
Retail Sales (thousand megawatthours)	7,046	51	NA	NA	NA	700	NA	7,797
Percentage of Retail Sales	90.37	.65	NA	NA	NA	8.98	NA	100.00
Revenue from Retail Sales (million dollars)	750	5	NA	NA	NA	34	27	816
Percentage of Revenue.....	91.88	.59	NA	NA	NA	4.16	3.36	100.00
Average Retail Price (cents/kWh).....	10.65	9.51	NA	NA	NA	4.86	3.92	10.47

Table 9 Notes: Data are shown for All Sectors. **Full Service Providers** sell bundled electricity services (e.g., both energy and delivery) to end users. Full Service Providers may purchase electricity from others (such as Independent Power Producers or other full service providers) prior to delivery. **Other Providers** sell either the energy or the delivery services, but not both. Sales volumes and customer counts shown for Other Providers refer to delivered electricity, which is a joint activity of both energy and delivery providers; for clarity, they are reported only in the Energy column in this table. The revenue shown under Other Providers represents the revenue realized from the sale of the energy and the delivery services distinctly. "Public" entities include municipalities, State power agencies, and municipal marketing authorities. "Federal" entities are either owned or financed by the Federal Government. "Cooperatives" are electric utilities legally established to be owned by and operated for the benefit of those using its service. The cooperative will generate, transmit, and/or distribute supplies of electric energy to a specified area not being serviced by another utility. "Facility" sales represent direct electricity transactions from independent generators to end use consumers.

Other Notes: NA = Not applicable; NM = Not meaningful;

W = Withheld to avoid disclosure of individual company data;

* = Value is less than half of the smallest unit of measure (e.g., for values with no decimals, the smallest unit is '1' and values under 0.5 are shown as '*').

Totals may not equal sum of components because of independent rounding;

Table 4 "Other Renewables" includes generation from municipal solid waste; Table 7 "Other" includes emissions from municipal solid waste.

Direct Use is commercial or industrial use of electricity that 1) is self-generated, 2) is produced by either the same entity that consumes the power or an affiliate, and 3) is used in direct support of a service or industrial process located within the same facility or group of facilities that houses the generating equipment. Direct use is exclusive of station use.